



Department of Energy

Bonneville Power Administration
86000 Highway 99 South
Eugene, Oregon 97405

September 23, 2003

In reply refer to: TRFS/Alvey

TRACT No. 2FB-13A; 2FB-13 THRU 2FB-20; 2FB-29A; 2FB-36; 36A; 2FB-46; 2FB-49
THRU 2FB-52; 2FB-54; 55; 2FB-57; MK-B-67; 68; 68A; 69; 2FB-61 THRU 2FB-
69; 2FB-71; 72; MK-B-84; 85; MK-B-39C; MK-B-71; (Access Rds.) 2FB-AR-6-6;
MK-B-AR-34; MK-B-AR-36 THRU 39; MK-B-AR-46; 47

CASE No. 20030537

LINE: FAIRVIEW-BANDON NO. 2 (REBUILD); FAIRVIEW-ROGUE NO. 1; MCKINLEY-
BANDON (OPER AS FAIRVIEW-BANDON NO. 1)

CERTIFIED - RETURN RECEIPT REQUESTED

Ms. Nikki Whitty
Coos County Board of Commissioners
250 N. Baxter Street
Coquille, OR 97423

LAND USE AGREEMENT

Bonneville Power Administration (BPA) hereby agrees to your use of BPA's easement area for construction/installation, use, and maintenance of a gas pipeline and temporary construction area (**temporary use to expire December 31, 2004**).

Environmental Responsibility: BPA is not the lead or responsible Federal Agency for regulatory authorization and/or permitting of the project. Coos County is responsible for complying with all procedural and substantive environmental requirements imposed by local, state, or federal laws or regulations applicable to the project and its operations. The final EIS for the mainline project identified the Corp of Engineers as the lead Federal Agency for the lateral projects.

The location of your permitted underground gas pipeline is partially within the following described areas and also approximately shown on the attached BPA drawings marked as Exhibits A – U as follows:

LEGAL DESCRIPTION (COOS COUNTY)	Exhibit	BPA Map #
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T27S R12W Section 24,23,26 WM	A	158439
T27S R12W Section 26 WM	B	158440
T27S R12W Section 35,34 WM	C	158441
T28S R12W Section 3 WM	D	158442
T28S R12W Section 3,10,9 WM	E	158443
T28S R12W Section 9,8 WM	F	158444
T28S R12W Section 8,17,18 WM	G	158445
T28S R12W Section 18 WM	H	158446
T28S R13W Section 13,24 WM	I	158447
T28S R13W Section 23 WM	J	158448
T28S R13W Section 23,26,27 WM	K	158449
T28S R13W Section 27,28,33 WM	L	158450
T28S R13W Section 33,32 WM	M	158451
T28S R13W Section 32,31 WM	N	158452
T28S R13&14W Section 31,36 WM	O	158453
T28S R14W Section 36,35 WM	P	158454
T28S R14W Section 35,34 WM	Q	158455
T28S R14W Section 34,33 WM	R	158456
T28S R14W Section 33,32 WM	S	158457
T28S R14W Section 32,31 WM	T	158458

FAIRVIEW-BANDON NO. 1 CROSSING

T28S R12W Section 31 WM	U	41510
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PLEASE NOTE: BPA is not the owner of this property, if you are not the owner, you must obtain the owner(s) permission to use this property. There may also be other uses of the property which might be located within the same area as your project. This agreement is subject to those other rights.

This agreement is entered into with the express understanding that it is not assignable or transferable to other parties without the prior written consent of BPA.

BPA'S AGREEMENT IS CONTINGENT ON THE FOLLOWING CONDITIONS:

1. During construction and following construction until full site restoration/stabilization is achieved, appropriate erosion control measures approved by the lead land management agency will be employed to protect BPA facilities and to prevent/minimize impacts to the environment.

2. Coos County is responsible for complying with any and all environmental requirements, conditions, or measures applicable to the project. Coos County is responsible for consulting and coordinating with the appropriate regulatory agency to determine such requirements.
3. Maintain a minimum distance of 15 feet between construction equipment and transmission line conductors (wires).
4. Refueling of vehicles/equipment or storage of flammable materials is prohibited on the right-of-way.
5. **Final pipeline siting must be reviewed and approved by BPA prior to construction. Siting changes during construction must be approved by BPA before proceeding with the change.**
6. The pipeline in its parallel occupancy of the right-of-way shall be located within the outermost **10.0** feet of the easement.
7. Typically the outermost 40 feet of the BPA easement is the long- term use area.
8. Typical temporary construction area shall include an additional 20 feet toward the center of the transmission line.
9. For locations other than the typical locations described above, applicant must receive BPA approval as to exact pipe locations, long-term work areas and temporary construction areas prior to construction. **Temporary use shall expire December 31, 2004.**
10. For the purpose of getting off the right-of-way and taking a route besides the BPA corridor, crossings of the right-of-way will be allowed as approximately depicted on the attached map Exhibits A – U. Precise crossing locations and their respective crossing angles shall be approved by BPA prior to construction.
11. Pipeline crossings of BPA rights-of-way shall be "hardened" by utilizing all of the following: 1) a minimum earth cover of 72 inches, 2) application of a prepared "2-sack" concrete mix (or equivalent) cover and 3) pipeline markers located at least every 50 feet. Any modifications to these requirements must be approved by BPA prior to construction.

12. The pipeline shall consist of approximately 48,000 feet of 6 5/8 inch outside diameter, 0.250 inch wall 17.04 lb. API 5L X 42 ERW pipe (Fairview to Highway 42) and approximately 115,000 feet of 4 1/2 inch outside diameter, 0.237 inch wall 10.80 lb. API 5L X 42 ERW pipe (Highway 42 to Bandon and Coquille to Myrtle Point). Both the 6 5/8 inch and the 4 1/2 inch pipes are considered heavy wall pipe.
13. A crossing is defined as anytime the pipeline crosses under a phase conductor or approaches within twenty (20) feet of being directly under a phase conductor.
14. Maps/drawings ("as builts") shall be furnished to BPA upon completion of construction.
15. The pipeline shall be located on the up-hill side of the rights-of-way no closer than 50 feet from the point the nearest steel lattice tower leg enters the earth or 25 feet from where wood poles, or their associated guy wires, enter the earth. If these clearances cannot be met, specifications and installation plans must be submitted to and approved by BPA prior to construction.
16. For any pipeline locations that are down hill from the double-circuit steel towers, **excavation** shall be no closer than, and no cuts deeper than, the following distances to the nearest tower leg based on slope:

0-10% slope	50 feet from tower	10 feet max. cut
11-25% slope	50 feet from tower	8 feet max. cut
26-40% slope	55 feet from tower	6 feet max. cut
Over 40% slope	65 feet from tower	4 feet max. cut
17. One or more **BPA Certified Safety Watchers** will be required during construction. The number of safety watchers and their qualifications must be approved by **Mr. Don Kauffman or his designated representative (541-297-8497)**.
18. Construction contractors shall read and abide by the **Power Line Corridor Electrical Safety** document that was supplied as **Appendix B to the Bid Documents for the Natural Gas Pipeline**.
19. Equipment or machinery operating closer than 15 feet from a conductor will require an electrical clearance. Obtaining an electrical clearance requires a minimum of 48 hours advance notice. **Mr. Don Kauffman (541-297-8497) or his designate will determine when this is required.**

20. BPA shall be notified at least 48 hours in advance of any blasting that would occur within 1,000 feet of a BPA line. **Notify Mr. Don Kauffman or his designated representative (541-297-8497). for this issue.**
21. Equipment, machinery, and vehicles traveling on BPA's right-of-way shall come no closer than 50 feet from the point the nearest steel lattice tower leg enters the earth and 25 feet from where wood poles, or their associated guy wires, enter the earth. If these clearances cannot be met, adequate protection for BPA structures from vehicles shall be provided by use of guard devices. Guard device plans must be submitted and approved by BPA prior to installation.
22. The pipeline shall be located at least 15 feet from transmission line grounding systems (such as counterpoise).
23. **Coos County shall reimburse BPA for all costs associated with transmission line repairs or modifications required as a result of the gas pipeline. Coos County shall also reimburse BPA for gas pipeline related costs such as staff time for safety watching, training and supervision; engineering evaluations; project management and coordination; danger tree inspection, evaluation and removal and other BPA costs directly attributed to the gas pipeline.**
24. Nuisance shocks may occur within the right-of-way. Grounding metal objects helps to reduce the level of shock.
25. Coos County shall be responsible for controlling the spread of noxious weeds by construction vehicles and equipment. Contact BPA's Alvey/North Bend District Natural Resource Specialist, or his designate, at 541-465-6553 for approval of noxious weed control plans prior to construction.
26. Design the gas pipeline to withstand HS-20 loading from BPA's heavy vehicles.
27. Access to transmission line structures by BPA's maintenance crews shall not be interfered with or obstructed.
28. Bury the gas pipeline with a minimum cover of 36 inches. Construct and maintain the gas pipeline to comply with applicable national, state, or local standards.
29. Mark the location of the underground gas pipeline with permanent signs, and maintain such markings, where they enter and leave BPA's right-of-way, at

injury to persons or property on or adjacent to the easement. Any mitigation, relocation or removal would be limited to the facilities covered by this permit, and not a general mandate that Coos County remove all pipeline facilities from all power corridors controlled by BPA.

Liability: You will have to assume risk of loss, damage, or injury which may result from your use of the easement area, except for such loss, damage, or injury for which BPA may be responsible under the provisions of the Federal Tort Claims Act, 62 Stat. 982, as amended. It is understood that any damage to BPA's property caused by or resulting from your use of the easement area may be repaired by BPA, and the actual cost of such repair shall be charged against and be paid by you.

This Land Use Agreement becomes effective upon the date signed by the BPA representative below. This Agreement is a permit, revocable at will by the U.S., and does not convey any easement, estate, or interest in the land.

THE AGREEMENT WILL BECOME A PART OF OUR PERMANENT FILE AND MAPPING SYSTEM.

You may direct any communication to this office, Bonneville Power Administration, Real Estate Field Services (TRFS/Alvey) 86000 Hwy 99S, Eugene, OR 97405, or by telephoning Donald D. Gerig at 541-465-6555.

THE TERMS AND CONDITIONS OF THIS AGREEMENT ARE ACCEPTED BY COOS COUNTY:

BY

Date 9.24.2003

(Title)

Chairman, Coos County REC

THIS AGREEMENT IS HEREBY AUTHORIZED

[Signature]
Donald D. Gerig
Realty Specialist

9-24-03

Date

Cc:

Mr. Steven Shute
Pipeline Solutions
P.O. Box 1054
Glenwood Springs, CO 81602

Mr. Robert Oxford
Industrial Gas Services, Inc
3760 Vance St. STE. 200
Wheat Ridge, CO 80033

U.S. Army Corps of Engineers, CENWP-OP-GE
1600 Executive, Suite 210
Eugene, OR 97401

SECS 2 23 & 26 T27S R12W WM
DOUG COUNTY, OREGON

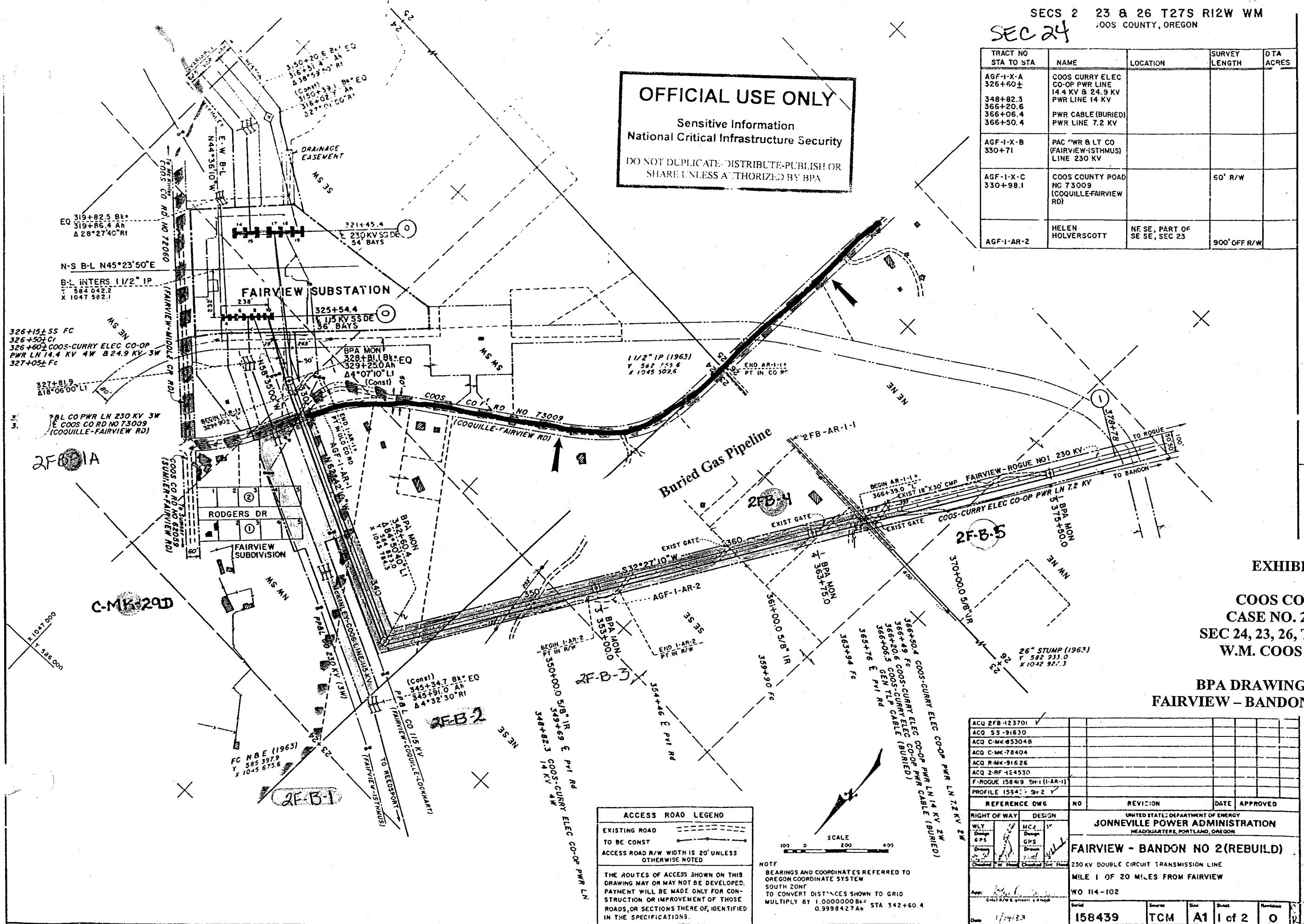
SEC 24

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DO NOT DUPLICATE-DISTRIBUTE-PUBLISH OR
SHARE UNLESS AUTHORIZED BY BPA

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
AGF-I-X-A 326+60± 348+82.3 366+20.6 366+06.4 366+50.4	COOS CURRY ELEC CO-OP PWR LINE 14.4 KV & 24.9 KV PWR LINE 14 KV PWR CABLE (BURIED) PWR LINE 7.2 KV			
AGF-I-X-B 330+71	PAC PWR & LT CO (FAIRVIEW-ISTHMUS) LINE 230 KV			
AGF-I-X-C 330+98.1	COOS COUNTY ROAD NC 73009 (COOUILLE-FAIRVIEW RD)		60' R/W	
AGF-I-AR-2	HELEN HOLVERSCOTT	NE SE, PART OF SE SE, SEC 23	900' OFF R/W	



**SECS 26 & 35 T27S R12 WM
COOS COUNTY, OREGON**

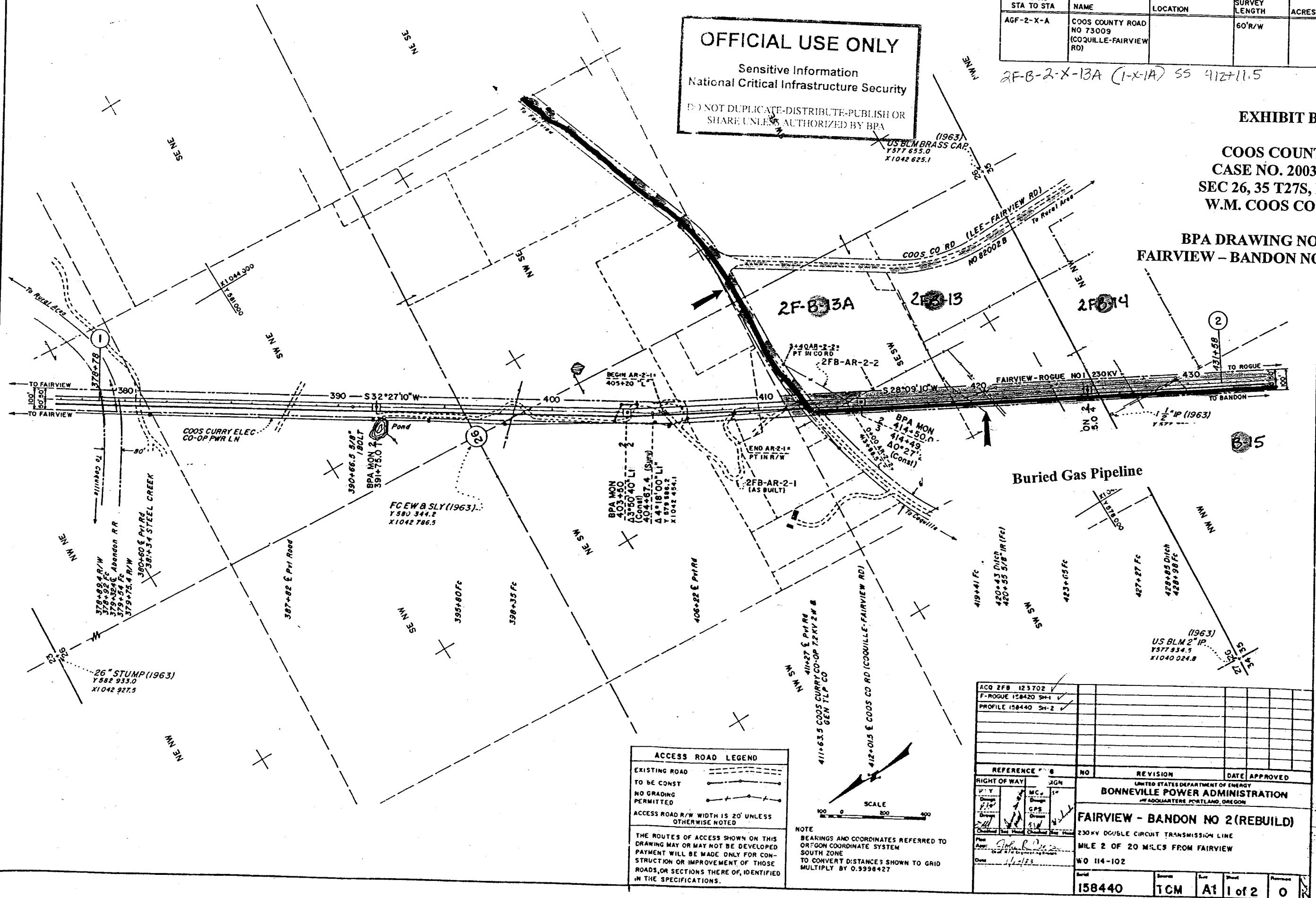
TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	ACRES
AGF-2-X-A	COOS COUNTY ROAD NO 73009 (COQUILLE-FAIRVIEW RD)		60'R/W	

2F-B-2-X-13A (1-X-1A) SS 412+11.5

EXHIBIT B

**COOS COUNTY
CASE NO. 20030537
SEC 26, 35 T27S, R12W
W.M. COOS CO., OR**

**BPA DRAWING NO. 158440
FAIRVIEW – BANDON NO.2 (REBUILD)**

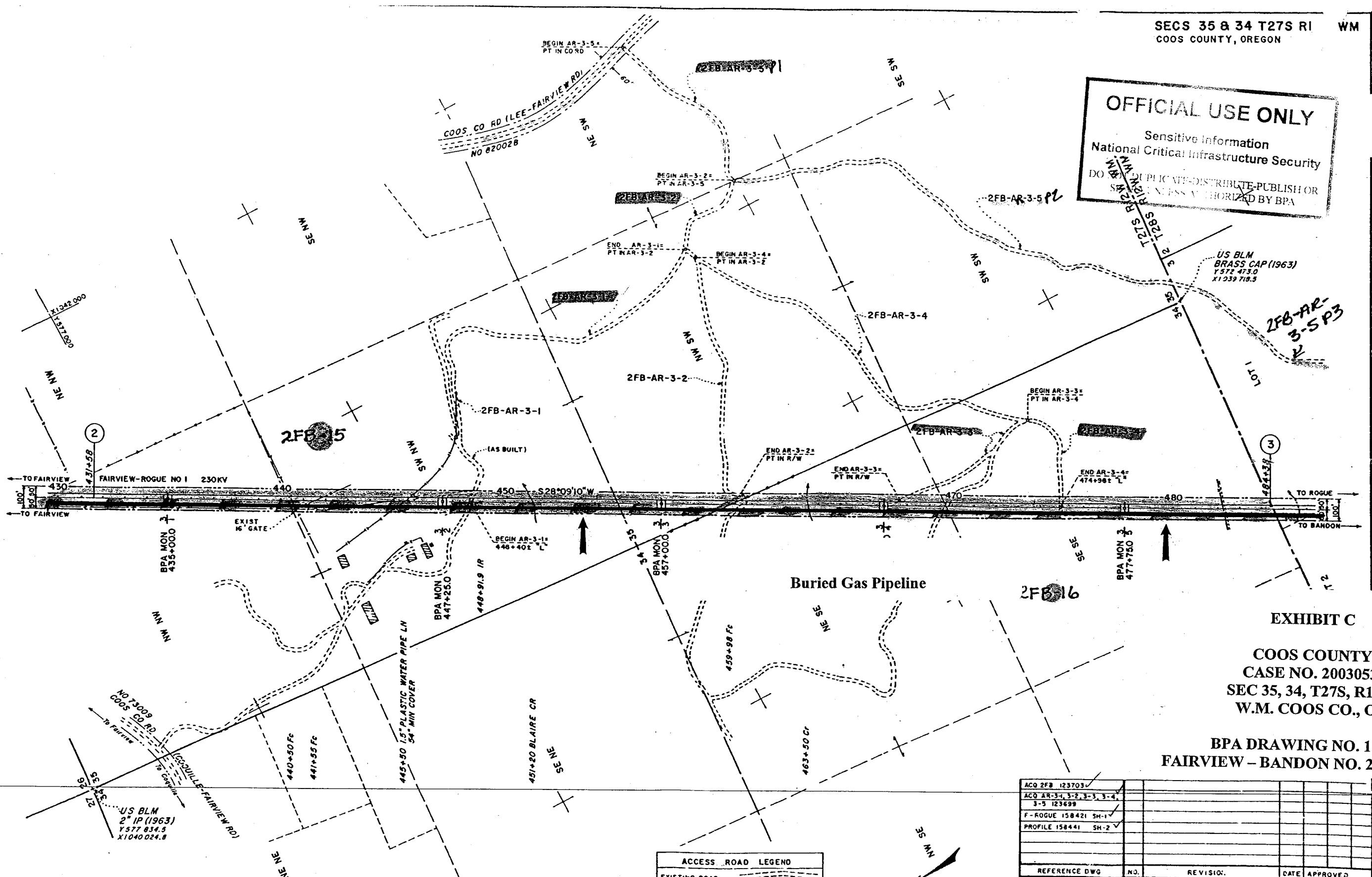


OPER AT 115 KV

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SECS 34 & 3 T27 & 28S R12W WM
COOS COUNTY, OREGON

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
AGF-4-DT-1	HOLLIS MAST	LOT 2 SW NE S/2 SW SEC 3		1.47 LT 1.68 RT

EXHIBIT D

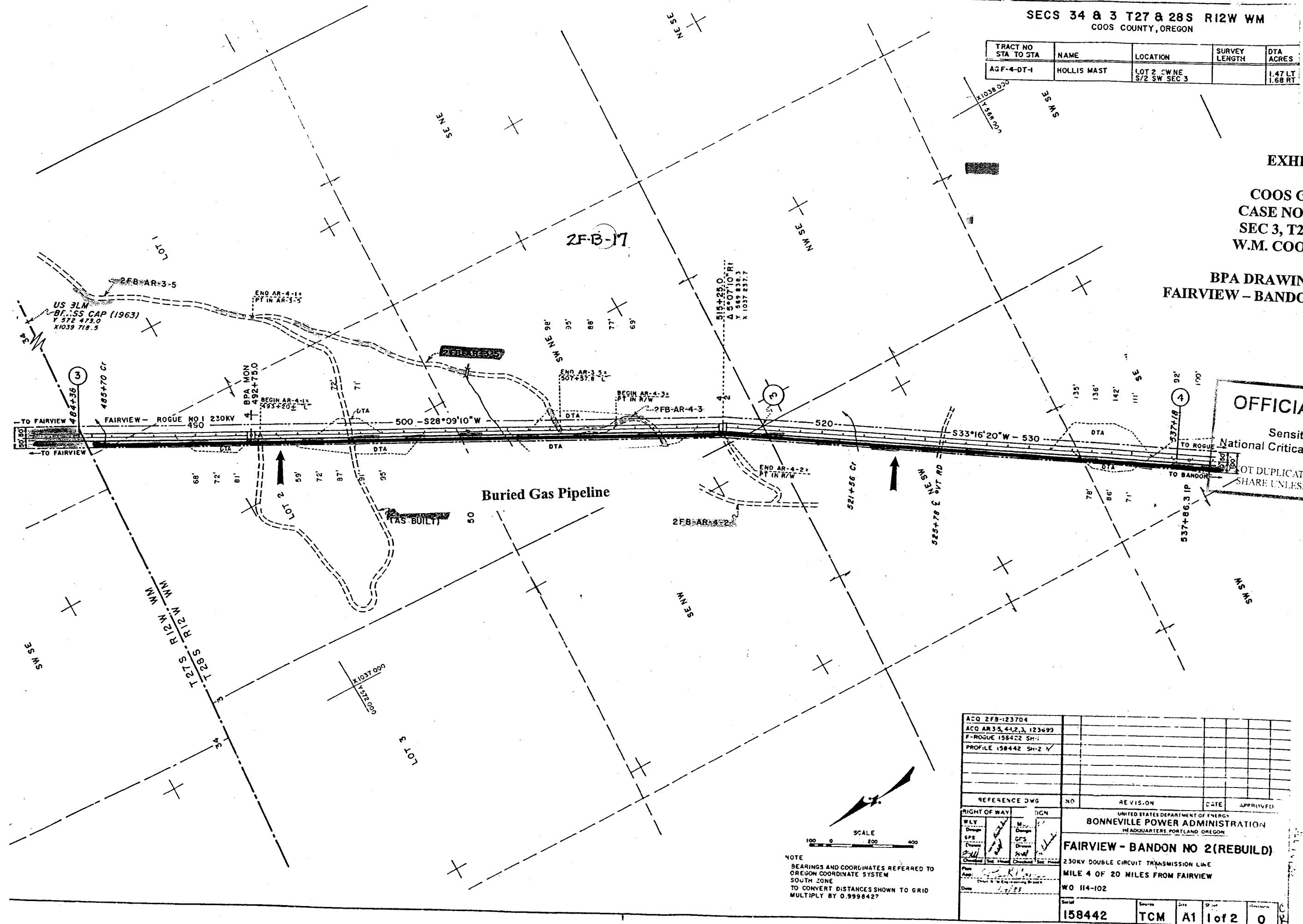
**COOS COUNTY
CASE NO. 20030537
SEC 3, T28S, R12W
W.M. COOS CO., OR**

**BPA DRAWING NO 158442
FAIRVIEW – BANDON NO. 2 (REBUILD)**

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SECS 3,10 & 9 T28S R12W W..
COOS COUNTY, OREGON

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
AGF-4-DT-1	HOLLIS MAST	LOT 2, SW NE S/2 SW SEC 3		1.47 LT 1.68 RT
AGF-5-AR-1 AGF-5-AR-2 AGF-5-DT-1	WEYERHAEUSER CO	NW NW SEC 10 N/2 NE SWNE SEC 9 SE NW SEC 9	300' OFF R/W 1060' OFF R/W	0.89 RT

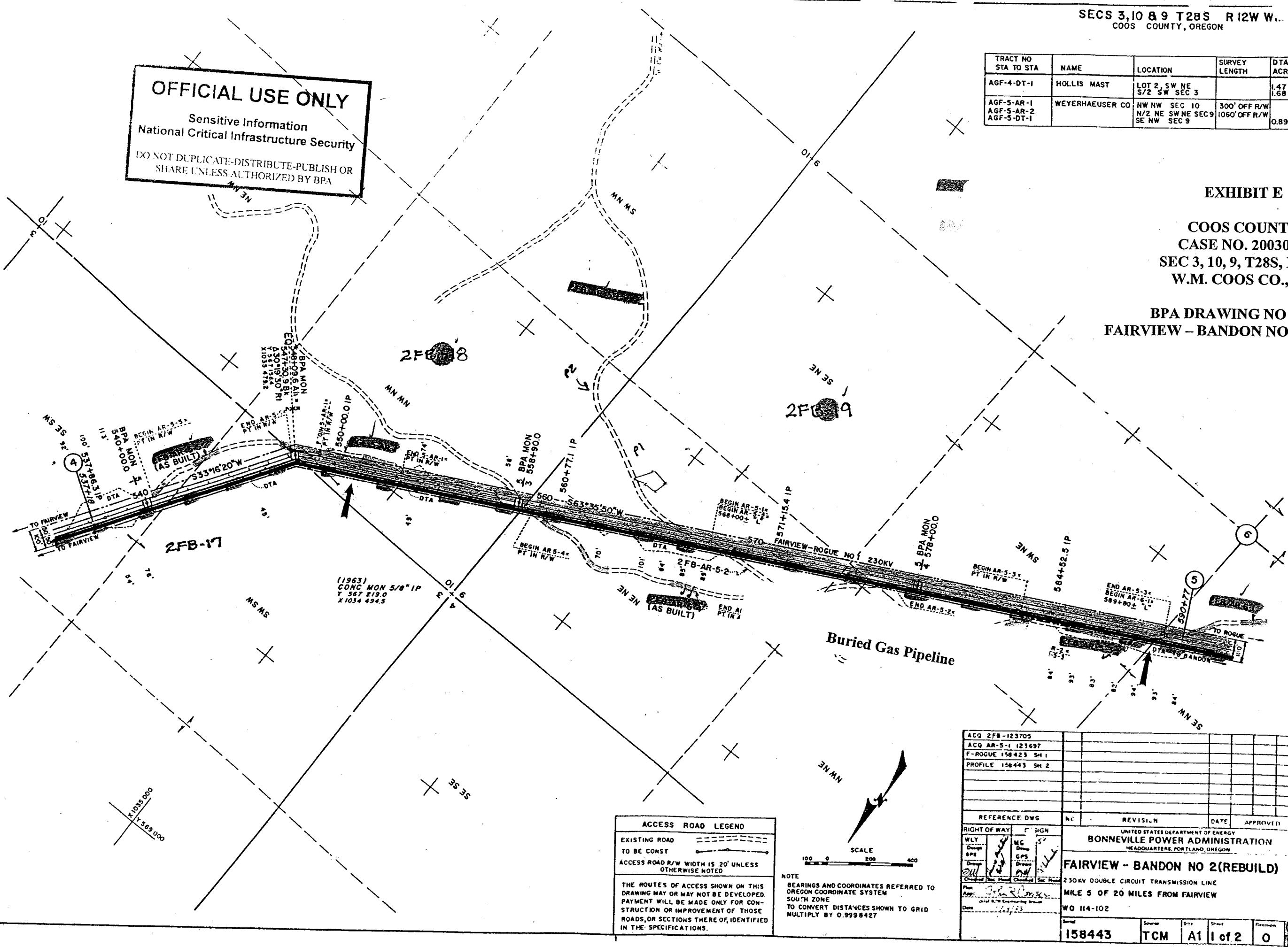
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EXHIBIT E

COOS COUNTY
CASE NO. 20030537
SEC 3, 10, 9, T28S, R12W
W.M. COOS CO., OR

BPA DRAWING NO 158443
FAIRVIEW - BANDON NO 2 (REBUILD)



STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
AGF-6-DT-3	DONOVAN A VAN BUREN	SW SE SEC 8		0.84 LT 110 RT
AGF-7-DT-1	HENRY L GEORGE	SE SW SEC 8		0.13 LT 0.32 RT
AGF-7-DT-2	JOHN C GARDNER ET UX	NE NW SEC 17		0.12 LT
AGF-7-DT-3	LEWIS N FOX ET UX	NW NW SEC 17		0.26 LT 0.24 RT
AGF-7-X-A 579+53.4 689+92.7	PACIFIC PWR B LT CO PWR LN 115 KV PWR LN 12 KV			
AGF-7-AR-1	IRMA ANDERSON C/P	PART OF N/2 NE SEC 18		375'
AGF-7-DT-4	NELSON A GARRINGTON	PARCEL 2		0.17 R
AGF-7-AR-1	JOHNE PINKSTON ET UX	PART OF SW NE SEC 18 PARCEL 1		810' E R
AGF-7-AR-1	IRMA ANDERSON C/P WILLIAM CAPRINO ET UX	PART OF N/2 NE SEC 18 PARCEL 3		350'
AGF-7-DT-5	CHARLES H FELLOWS ET UX	PART OF S/2 NE SEC 18		0.84 LT 0.33 RT

**SECS 8,17&18 T28S R12W WM
COOS COUNTY, OREGON**

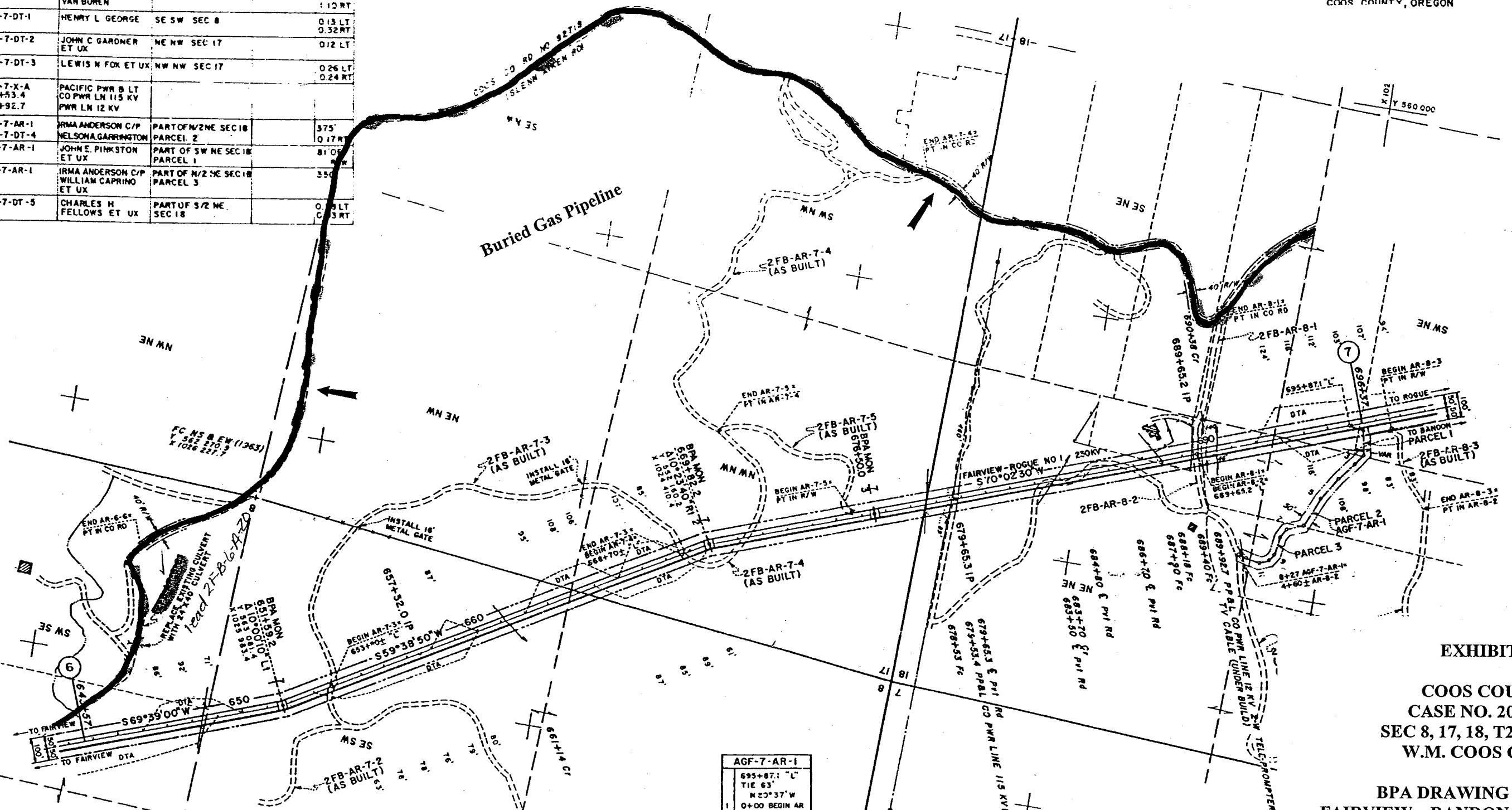
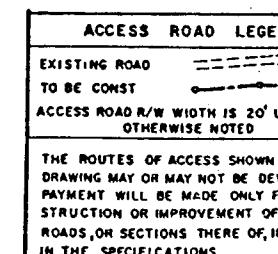
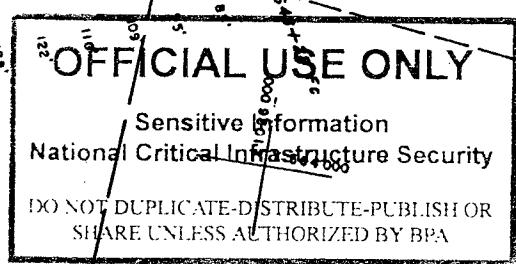


EXHIBIT G

**COOS COUNTY
CASE NO. 20030537
SEC 8, 17, 18, T28S, R12W
W.M. COOS CO., OR**

BPA DRAWING NO 158445
FAIRVIEW – BANDON NO. 2 (REBUILD)



NOTE
BEARINGS AND COORDINATES
OREGON COORDINATE SYSTEM
SOUTH ZONE
TO CONVERT DISTANCES SHOT
MULTIPLY BY 0.9999579

SECS 18 & 13 T28S R12E N WM
COOS COUNTY, OREGON

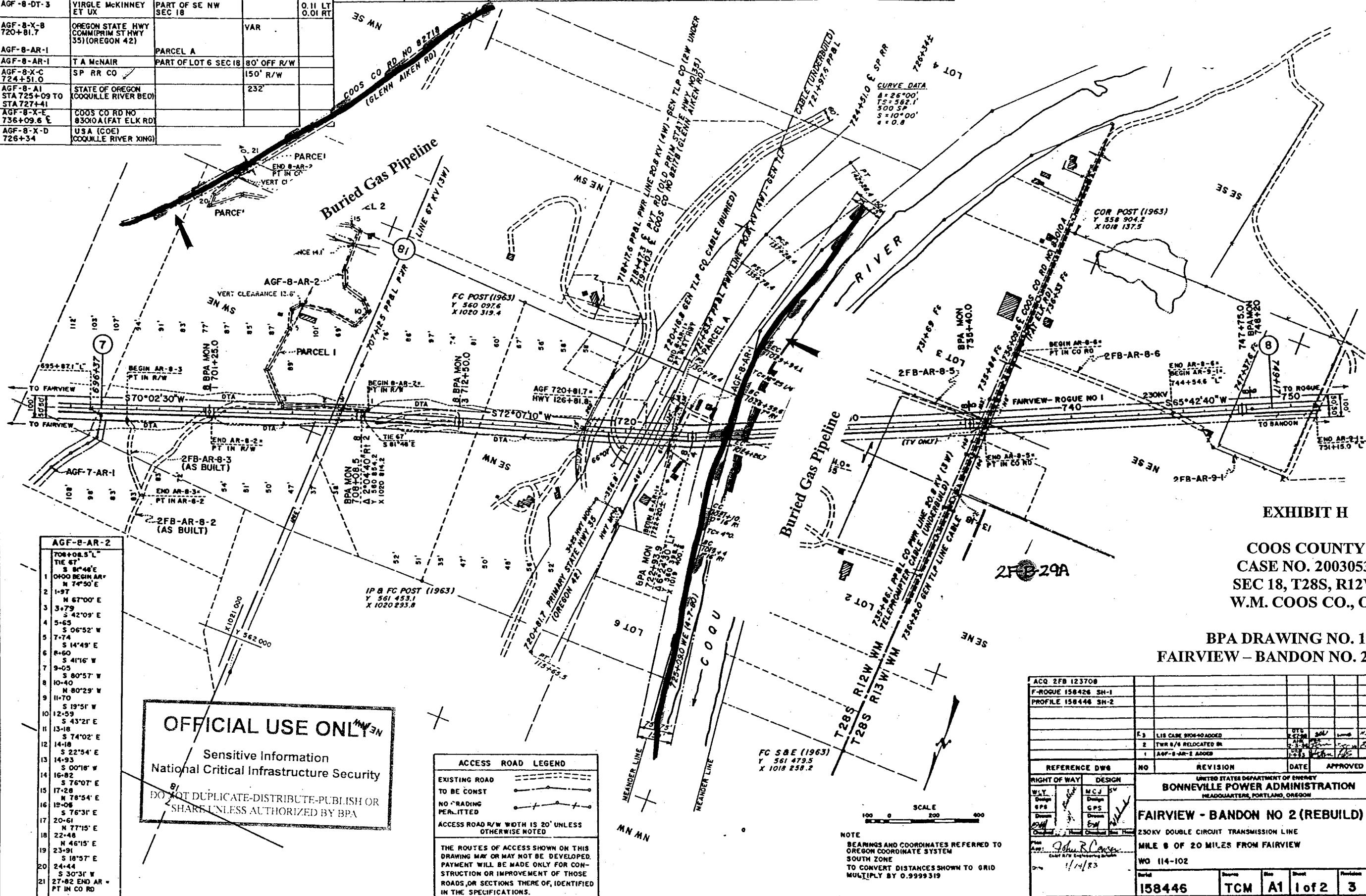


EXHIBIT H

**COOS COUNTY
CASE NO. 20030537
SEC 18, T28S, R12W
W.M. COOS CO., OR**

BPA DRAWING NO. 158446
FAIRVIEW – BANDON NO. 2 (REBUILD)

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRE
AGF-9-X-A 786+69.3	COOS CORD NO 8301OB(FAT ELK RD)		60' R/W	
AGF-9-DT-1	WALLACE B DEMENT	NW NW SEC 24		0.43 0.01
AGF-9-DT-2	MENASHA WOODEN WARE CORP	NE NE SEC 23		0.090 0.044
AGF-9-AR-1	WALLACE B DEMENT	PARCEL 1 NW SE SEC 13	250' OFF R/W	
AGF-9-AR-1	ORAN SHULL ET UX	PARCEL 2 SW SE SEC 13	540' OFF R/W	

SECS 13,24 & 23 T28S R13W WM
COOS COUNTY, OREGON

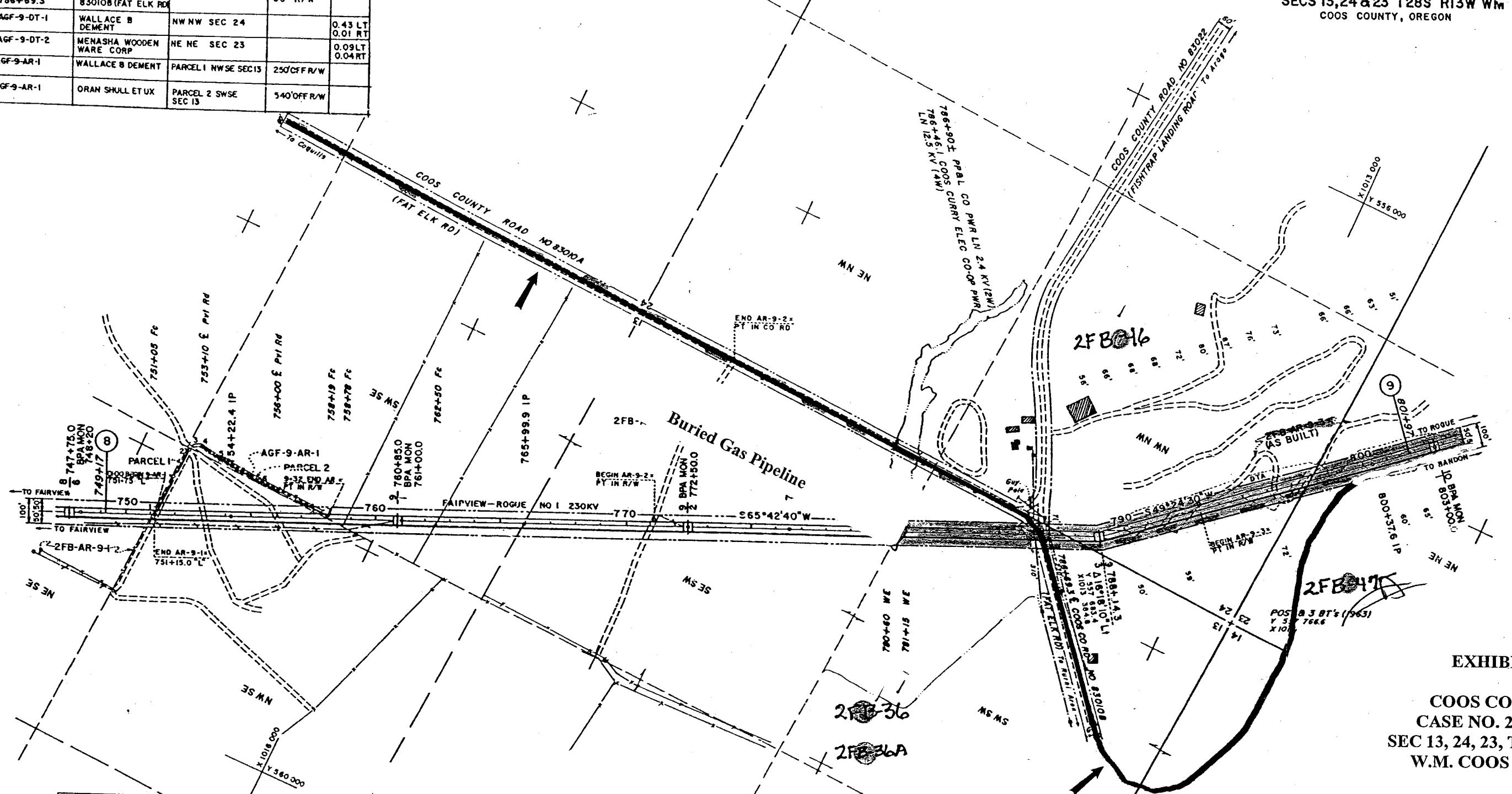


EXHIBIT I

**COOS COUNTY
CASE NO. 20030537
SEC 13, 24, 23, T28S, R13W
W.M. COOS CO., OR**

**BPA DRAWING NO. 158447
FAIRVIEW – BANDON NO. 2 (REBUILD)**

AGF-9-AR-1

1	0-00 BEGIN AR = 751-75 TL S 03°07' W
2	3-03 S 23°12' W
3	3-29 S 58°33' W
4	3-52 N 80°31' W
5	4-49 N 89°26' W
6	6-47 N 89°50' W
7	9-32 END AR = PT IN R/W

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DO NOT DUPLICATE-DISTRIBUTE-PUBLISH
SHARE UNLESS AUTHORIZED BY BPA

Legend for Access Roads:

- EXISTING ROAD: Dashed line
- TO BE CONST: Solid line with dots
- NO GRADING PERMITTED: Solid line with diagonal dashes
- PERMITTED: Solid line with small circles

ACCESS ROAD R/W WIDTH IS 20' UNLESS OTHERWISE NOTED

THE ROUTES OF ACCESS SHOWN
ON THE DRAWINGS MAY OR MAY NOT BE
MADE. NO PAYMENT WILL BE MADE FOR
CONSTRUCTION OR IMPROVEMENTS ON
ROADS, OR SECTIONS THEREOF,
IN THE SPECIFICATIONS.

ON THIS
DEVELOPED
FOR CON-
OF THOSE
NOTE
BEARINGS AND COORDINATES ARE
OREGON COORDINATE SYSTEM
SOUTH ZONE
TO CONVERT DISTANCES SHOWN
MULTIPLY BY 0.9999319

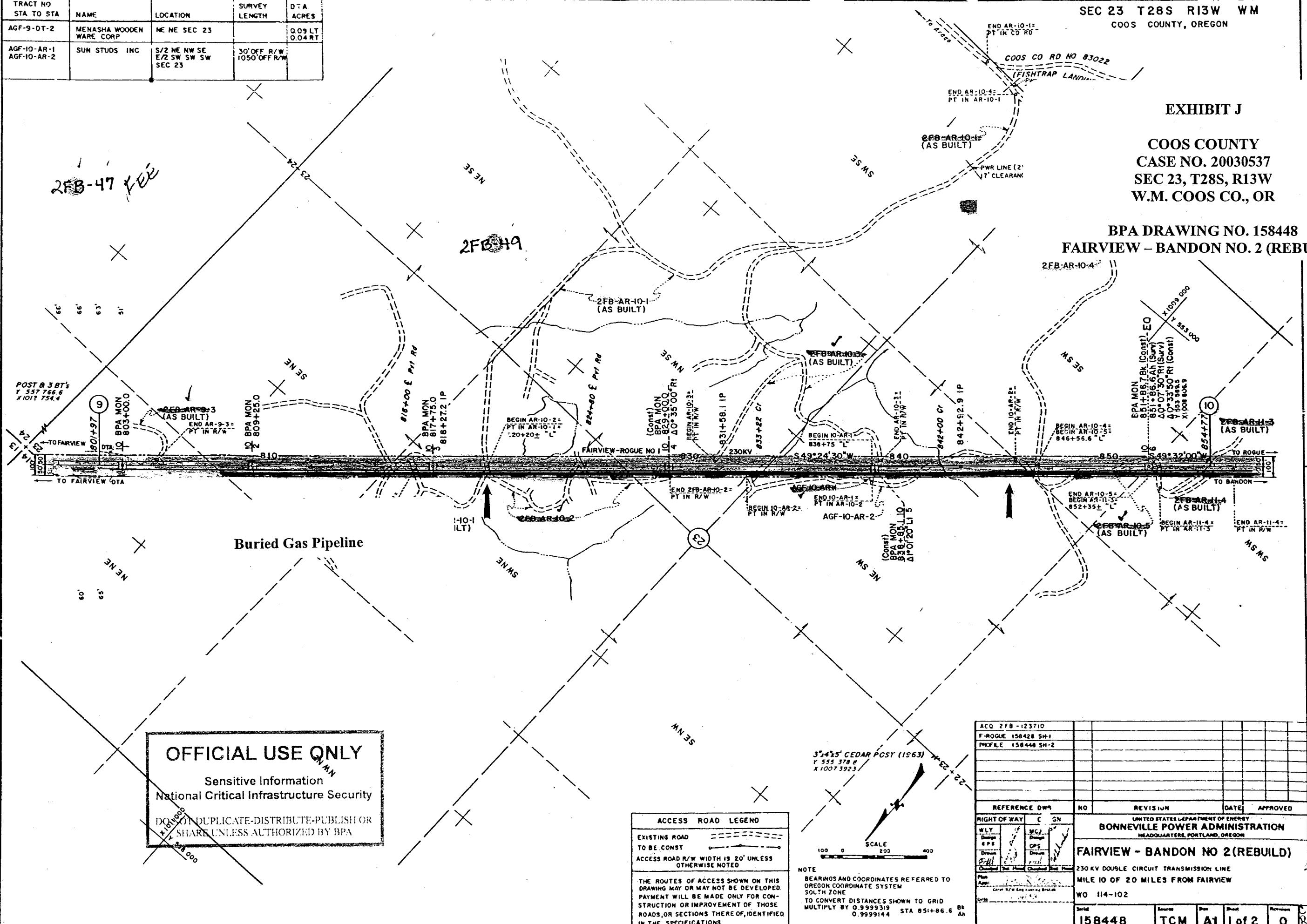
TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
AGF-9-DT-2	MENASHA WOODEN WARE CORP	NE NE SEC 23		0.09 LT 0.04 RT
AGF-10-AR-1	SUN STUDS INC	S/2 NE NW SE E/2 SW SW SW SEC 23	30' OFF R/W 1050' OFF R/W	
AGF-10-AR-2				

SEC 23 T28S R13W WM
COOS COUNTY, OREGON

EXHIBIT J

**COOS COUNTY
CASE NO. 20030537
SEC 23, T28S, R13W
W.M. COOS CO., OR**

BPA DRAWING NO. 158448
FAIRVIEW – BANDON NO. 2 (REBUILD)



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ACCESS ROAD LEGEND	
EXISTING ROAD	
TO BE CONST.	

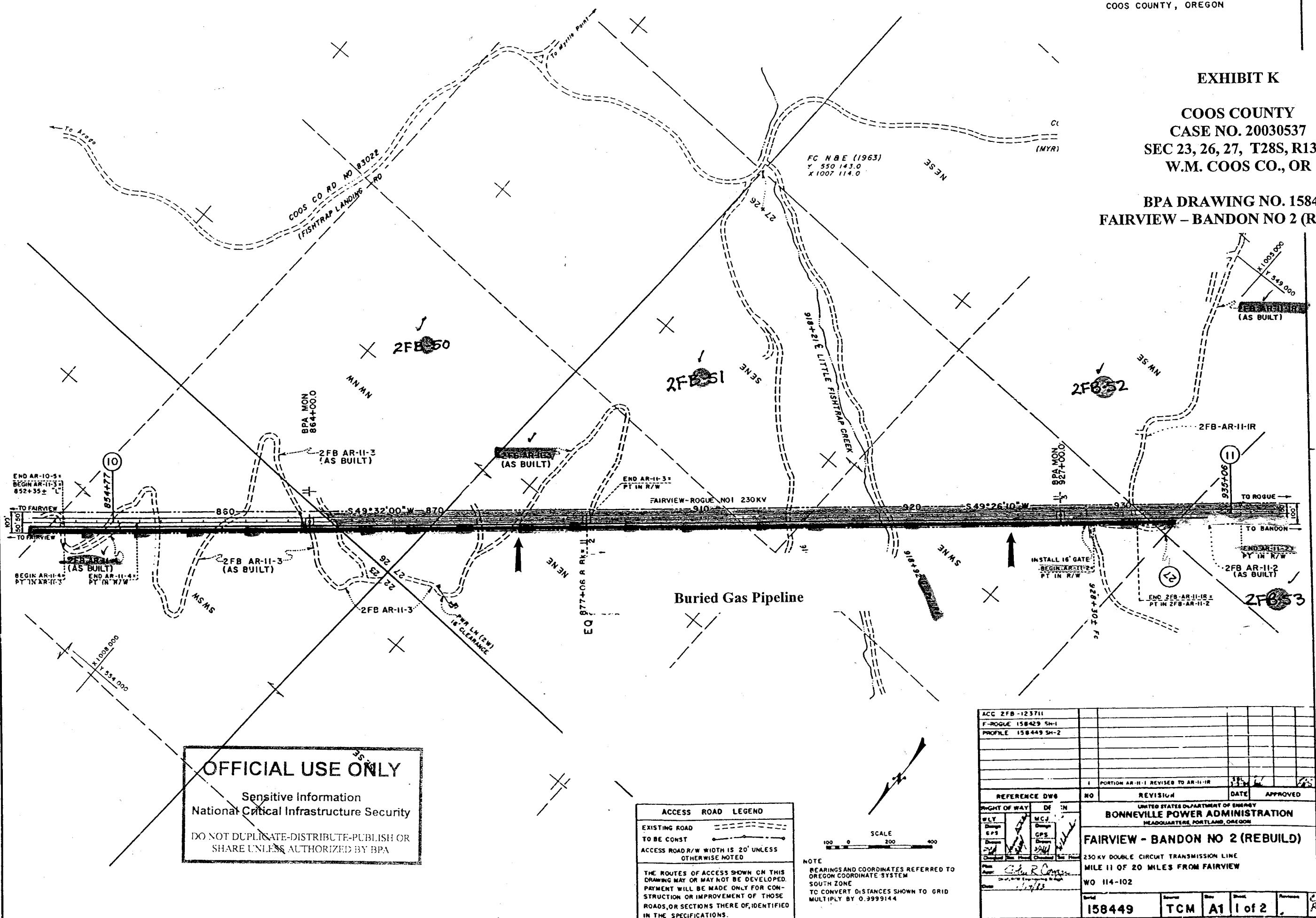
THE ROUTES OF ACCESS SHOWN ON THIS
DRAWING MAY OR MAY NOT BE DEVELOPED.
PAYMENT WILL BE MADE ONLY FOR CON-
STRUCTION OR IMPROVEMENT OF THOSE
ROADS, OR SECTIONS THEREOF, IDENTIFIED
IN THE SPECIFICATIONS.

ACQ 2FB - 123710					
F-ROGUE 158428 SH-1					
PROFILE 158448 SH-2					
REFERENCE DRAW	NO	REVISION	DATE	APPROVED	
RIGHT OF WAY	C GN				
WLY Design EPS	<input checked="" type="checkbox"/> MCL <input checked="" type="checkbox"/> Design <input checked="" type="checkbox"/> CPS <input checked="" type="checkbox"/> Drawing <input checked="" type="checkbox"/> ELL <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Checked <input checked="" type="checkbox"/> Standard <input checked="" type="checkbox"/> Checked <input checked="" type="checkbox"/> Base Plan				
Plan Age: Comments:	158448 1982 Color B/R Log drawing attached				
Orts	158448				
BL AN	Serial 158448	Source TCM	Date A1	Sheet 1 of 2	Approved O

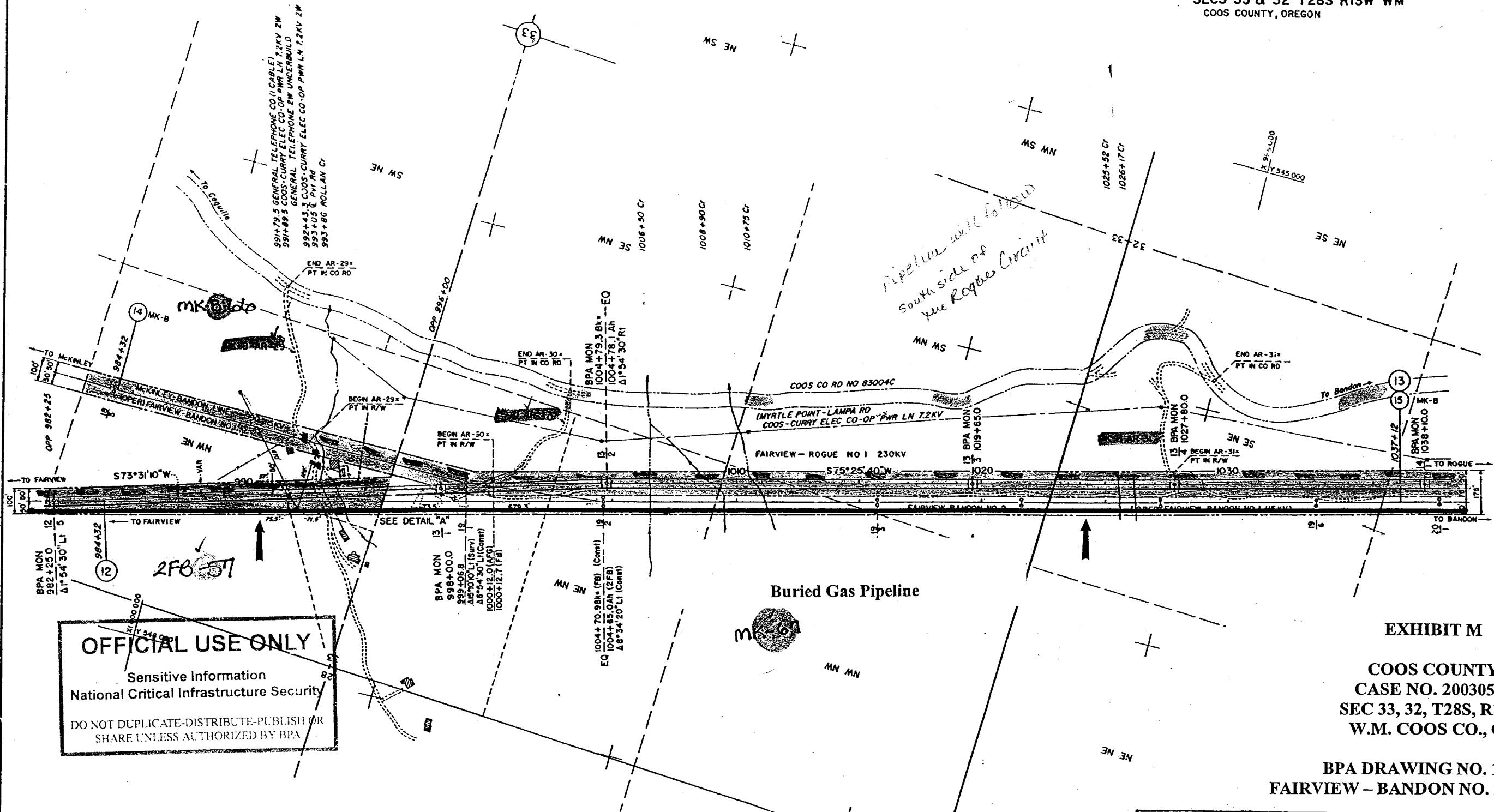
EXHIBIT K

COOS COUNTY
CASE NO. 20030537
SEC 23, 26, 27, T28S, R13W
W.M. COOS CO., OR

BPA DRAWING NO. 158449
FAIRVIEW - BANDON NO 2 (REBUILD)



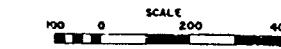
SECS 33 & 32 T28S R13W WM
COOS COUNTY, OREGON



TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	ACRES
AGF-13-X-1 OPP 982+25 TO OPP 996+00	HARLIE AMOS	PART OF NW NE SEC 33	0.0'	0.7
AGF-13-X-4 991+79.5	GENERAL TELEPHONE CO (CABLE)			
AGF-13-X-8 991+89.5 992+43.3	COOS-CURRY ELEC CO-OP PWR LINE (7.2 KV)			
AGF-13-A-2 997+26.5 TO 998+00	MOORE OREGON LUMBER CO	PART OF NE NW SEC 33	73.5'	0.1

MK-B R/W 998+00
2FB R/W 997+26.5
(NEW SURV)
73.5'
DETAIL "A"
NOT TO SCALE

NOTE
BEARINGS AND COORDINATES REFERRED TO
OREGON COORDINATE SYSTEM
SOUTH ZONE
TO CONVERT DISTANCES SHOWN TO GRID
MULTIPLY BY 0.9999144



MK-B ACQ	4455			
2FB ACQ	123713			
F- ROGUE	158431 SH 1			
PROFILE	158451 SH 2			
REFERENCE DWGS	NO	REVISION	DATE	APPROVED
WLY	DE	IN		
Design				
RFI				
Drawings				
Checklist				
Plan				
Specs				
Other				
Date				
UNITED STATES DEPARTMENT OF ENERGY BONNEVILLE POWER ADMINISTRATION HEADQUARTERS: PORTLAND, OREGON				
FAIRVIEW - BANDON NO 2 (REBUILD)				
230 KV DOUBLE CIRCUIT TRANSMISSION LINE				
MILE 13 OF 20 MILES FROM FAIRVIEW (5281')				
WO 114-102				
Serial	158451	Source	TCM	Sheet
			A1	1 of 2
Revised				0

OPER AT 115 KV

BPA 1287Q JUN 1978

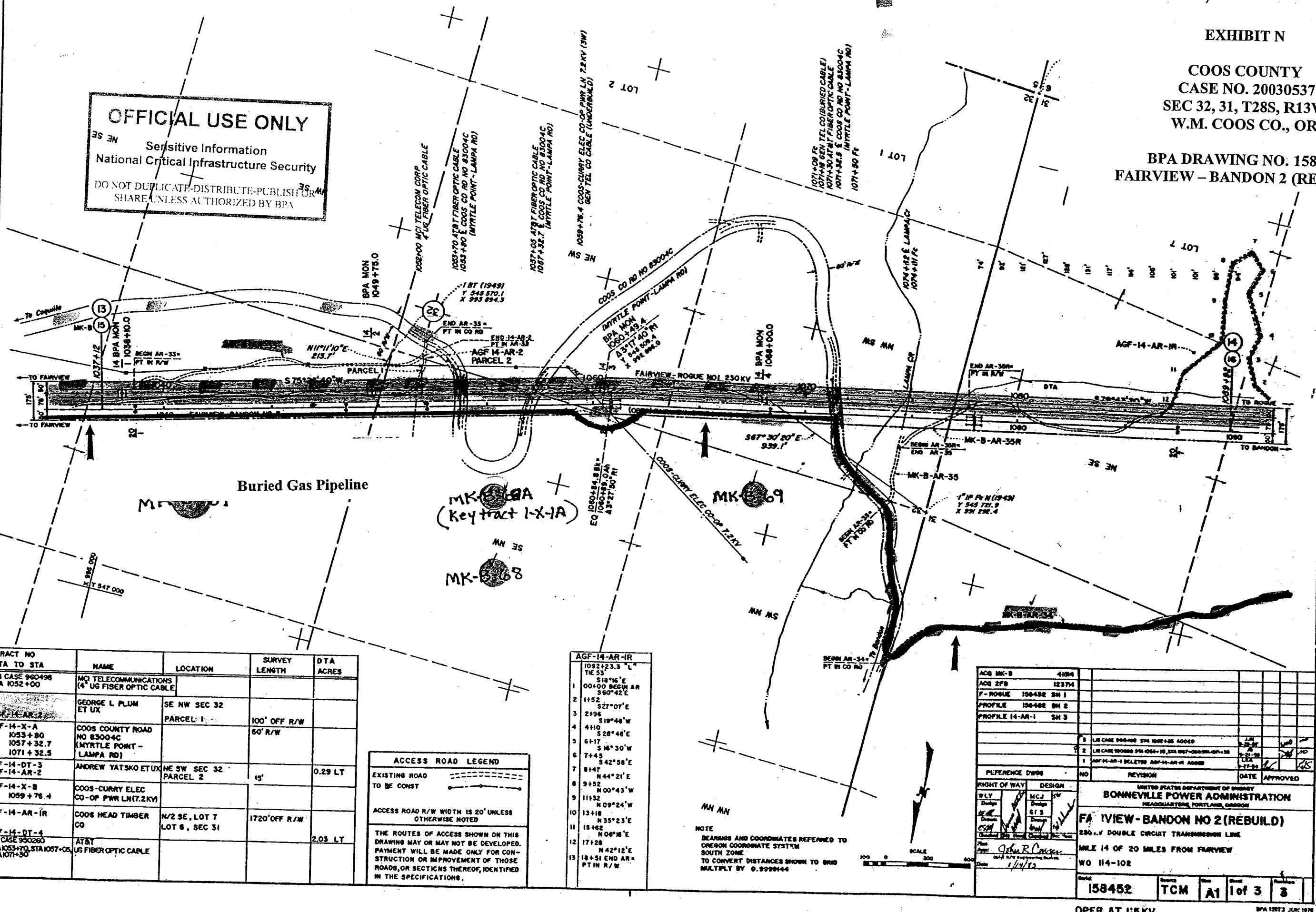
EXHIBIT N

**COOS COUNTY
CASE NO. 20030537
SEC 32, 31, T28S, R13W
W.M. COOS CO., OR**

**BPA DRAWING NO. 158452
FAIRVIEW – BANDON 2 (REBUILD)**

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SHARE UNLESS AUTHORIZED BY BPA



TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
LIS CASE 960498 STA 1032+00	MCI TELECOMMUNICATIONS (4 UG FIBER OPTIC CABLE)			
AGF-14-AR-2	GEORGE L PLUM ET UX	SE NW SEC 32 PARCEL 1	100' OFF R/W 60' R/W	
AGF-14-X-A 1053 + 80 1057 + 32.7 1071 + 32.5	COOS COUNTY ROAD NO 8300-4C (MYRTLE POINT - LAMPA RD)			
AGF-14-DT-3 AGF-14-AR-2	ANDREW YATSKO ETUX	NE SW SEC 32 PARCEL 2	15'	0.29 LT
AGF-14-X-B 1059 + 76.4	COOS-CURRY ELEC CO-OP PWR LN(7.2KV)			
AGF-14-AR-1R	COOS HEAD TIMBER CO	N/2 SE , LOT 7 LOT 6 , SEC 31	1720' OFF R/W	
AGF-14-DT-4 LIS CASE 950260 STA 1053+70, STA 1057+05, STA 1071+30	AT&T UG FIBER OPTIC CABLE			2.03 LT

ACCESS ROAD LEGEND	
EXISTING ROAD	
TO BE CONST	
ACCESS ROAD R/W WIDTH IS 20' UNLESS OTHERWISE NOTED	
THE ROUTES OF ACCESS SHOWN ON THIS DRAWING MAY OR MAY NOT BE DEVELOPED. PAYMENT WILL BE MADE ONLY FOR CONSTRUCTION OR IMPROVEMENT OF THOSE ROADS, OR SECTIONS THEREOF, IDENTIFIED IN THE SPECIFICATIONS.	

AGF-14-AR-IR	
1092	+23.3 "L"
TIE	53
1	S18°46' E
00+00	END BEC AR
S60°42'E	
2	1152
	S27°07' E
3	2196
	S19°48' W
4	410
	S28°48' E
5	6+17
	S 16° 30' W
6	7+45
	S42°58' E
7	8147
	N44°21' E
8	9+52
	N00°43' W
9	11+32
	N09°24' W
10	13+10
	N35°23' E
11	15+02
	N06°38' E
12	17+28
	N42°12' E
13	18+51 END AR =
	PT IN R/W

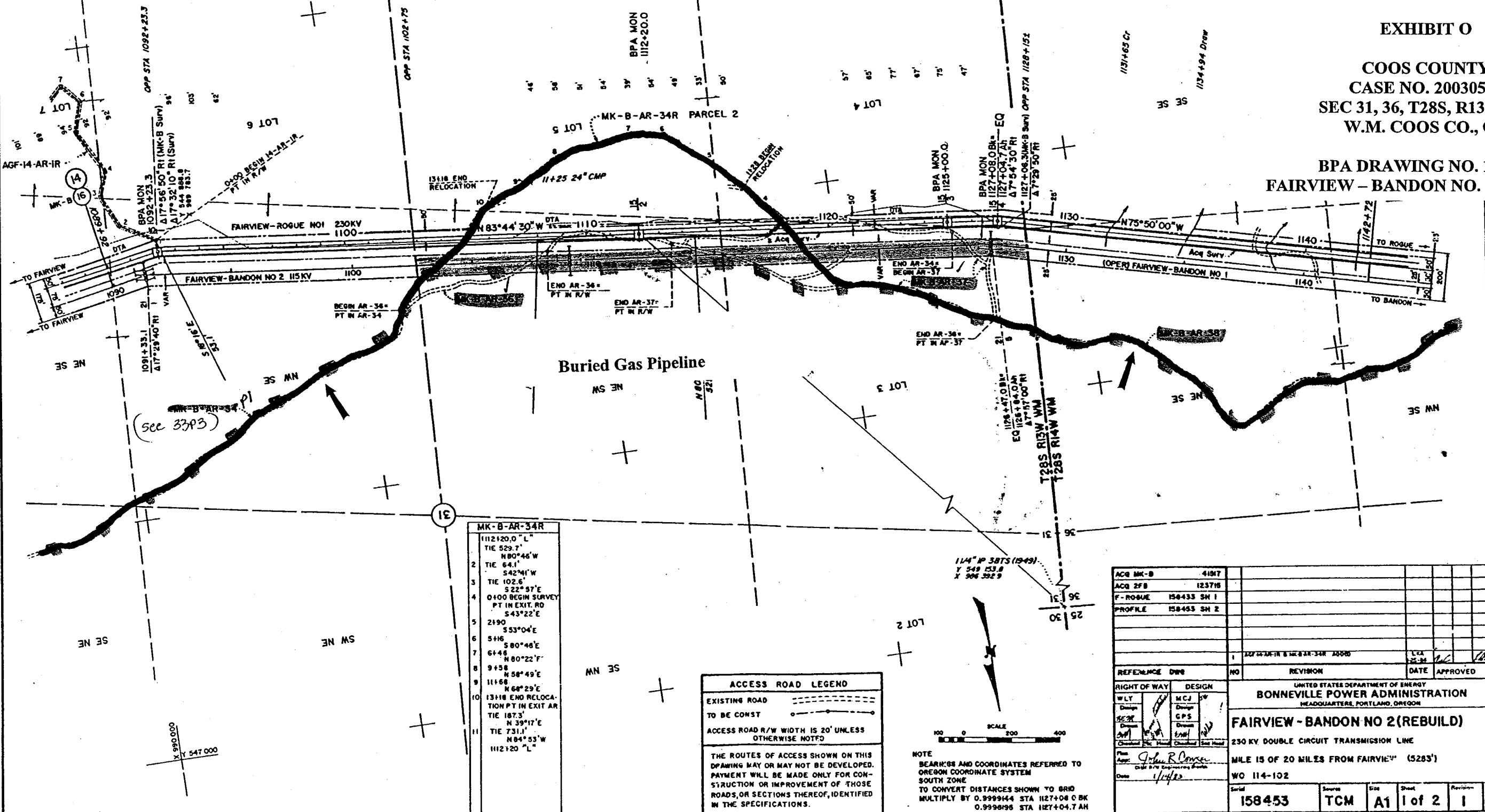
ACQ MK-B	4104			
ACQ 2FB	12374			
F-ROGUE	150-432 SH 1			
PROFILE	150-432 SH 2			
PROFILE 14-AR-1	SH 3			
		3	LIS CASE 100-1002 STA 1000+35 4000E	J.M 8-20-87
		2	LIS CASE 10000 STA 1000+10 STA 1000-000000-000+35	J.M 8-20-87
		1	1007-14-AR-1 BULLETPAD 1007-14-AR-1 ADDRESS	J.MA 8-20-87
REFERENCE DWG#		NO	REVISION	DATE APPROVED
RIGHT OF WAY		DESIGN	UNITED STATES DEPARTMENT OF ENERGY BONNEVILLE POWER ADMINISTRATION HEADQUARTERS, PORTLAND, OREGON	
WLY		MCJ JV		
Design		Design		
SEAL		613		
Drawings		Design		
OSHA	N	613		
Comments		Design		
Date		Design		
FAIRVIEW - BANDON NO 2 (REBUILD)				
230 K.V. DOUBLE CIRCUIT TRANSMISSION LINE				
MILE 14 OF 20 MILES FROM FAIRVIEW				
WO 114-102				
Revised				
		158452	Source	None
			TCM	A1
				1 of 3
				3

OPER AT 115KV

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
AGF-15-A-1 OPP STA 1092+23.3 TO OPP STA 1102+75 AGF-14-AR-IR AGF-14-DT-4	COOS HEAD TIMBER CO	N/2 SE/4 SEC 31	0'	0.1
AGF-15-A-2 OPP STA 1102+75 TO OPP STA 1128+15 AGF-15-DT-1	CROOKED RIVER PROPERTIES	LOT 6, LOT 7, N/2 SE/4 SEC 31	1720' OFF R/W	2.03 LT
AGF-15-A-3 OPP STA 1128+15 TO OPP STA 1180+25	INTERNATIONAL PAPER CO	NE SW, LOT 3, LOT 4 SEC 31	0'	1.0
MK-B-AR-34R	CROOKED RIVER PROPERTIES	PARCEL 2, SEC 31	1530' OFF R/W	0.18 LT
				3.0

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SECS 36 & 35 1200 מ"מ
COOS COUNTY, OREGON

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	DTA ACRES
AGF-15-A-3 OPP STA II28+15 TO OPP STA II80+25 AGF-16-DT-1	INTERNATIONAL PAPER CO	E/2 SE , NW SE N/2 SW , SEC 36	0'	3.0
				0.96 LT
AGF-16-A-1 OPP STA II80+25 TO OPP STA II92+50 AGF-16-AR-1	GARLAND W ROCK ET UX	NE SE , SEC 35 NW SE SW NE , SEC 35	0' 140' OFF R/W	0.5

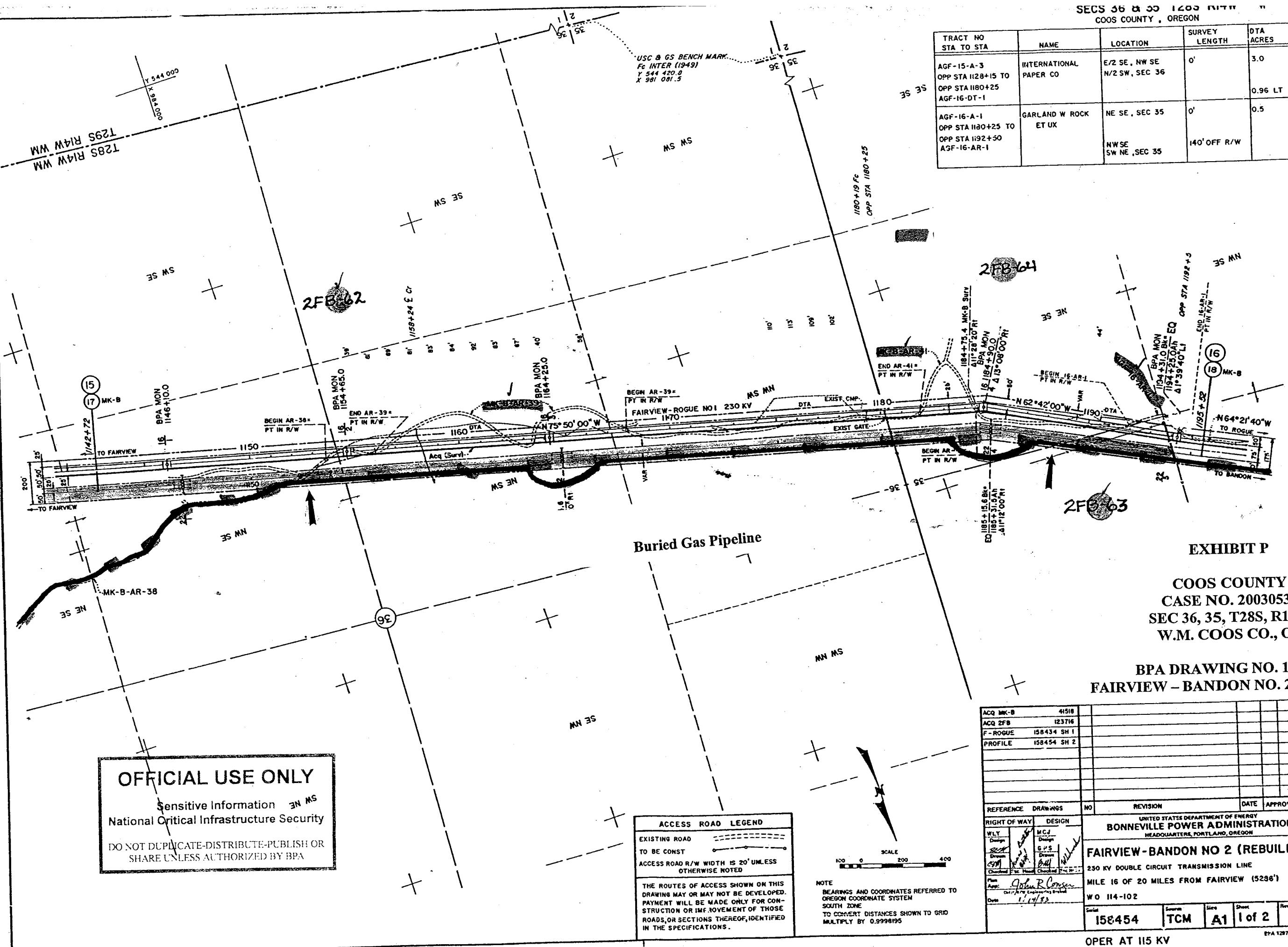


EXHIBIT P

**COOS COUNTY
CASE NO. 20030537
EC 36, 35, T28S, R14W
W.M. COOS CO., OR**

**BPA DRAWING NO. 158454
FAIRVIEW - BANDON NO. 2 (REBUILD)**

ACQ MK-B	4H518				
ACQ 2FB	123716				
F-ROGUE	158434 SH 1				
PROFILE	158454 SH 2				
REFERENCE DRAWINGS		NO	REVISION	DATE	APPROVED
RIGHT OF WAY	DESIGN	UNITED STATES DEPARTMENT OF ENERGY BONNEVILLE POWER ADMINISTRATION <small>HEADQUARTERS, PORTLAND, OREGON</small>			
WLY	MCJ	FAIRVIEW-BANDON NO 2 (REBUILD) 230 KV DOUBLE CIRCUIT TRANSMISSION LINE MILE 16 OF 20 MILES FROM FAIRVIEW (5296')			
Design	Design				
Drawn	G.P.S.				
CSM	Drawn				
Checked	Bill				
File No.	Checked				
Plan App:	John R Conner				
Date	1/17/83				
		Serial	Source	Size	Sheet
		158454	TCM	A1	1 of 2
					0

OPERATE AT 115 KV

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	ACRES
AGF-17-X-A I230+65.8	COOS COUNTY ROAD NO 84008 (BEAR CREEK RD)	PARCEL A	60' R/W	
AGF-17-AR-2				
AGF-17-X-B I246+27.1	COOS-CURRY ELEC CO-OP : WR LN(7.2KV)			
AGF-17-AR-1	GARLAND W ROCK ET UX	SWNE, SEC 35	400' OFF R/W	
AGF-17-AR-2	DARWIN E VANLEUVEN	PART OF NW NW, SEC 35	71' OFF R/W	

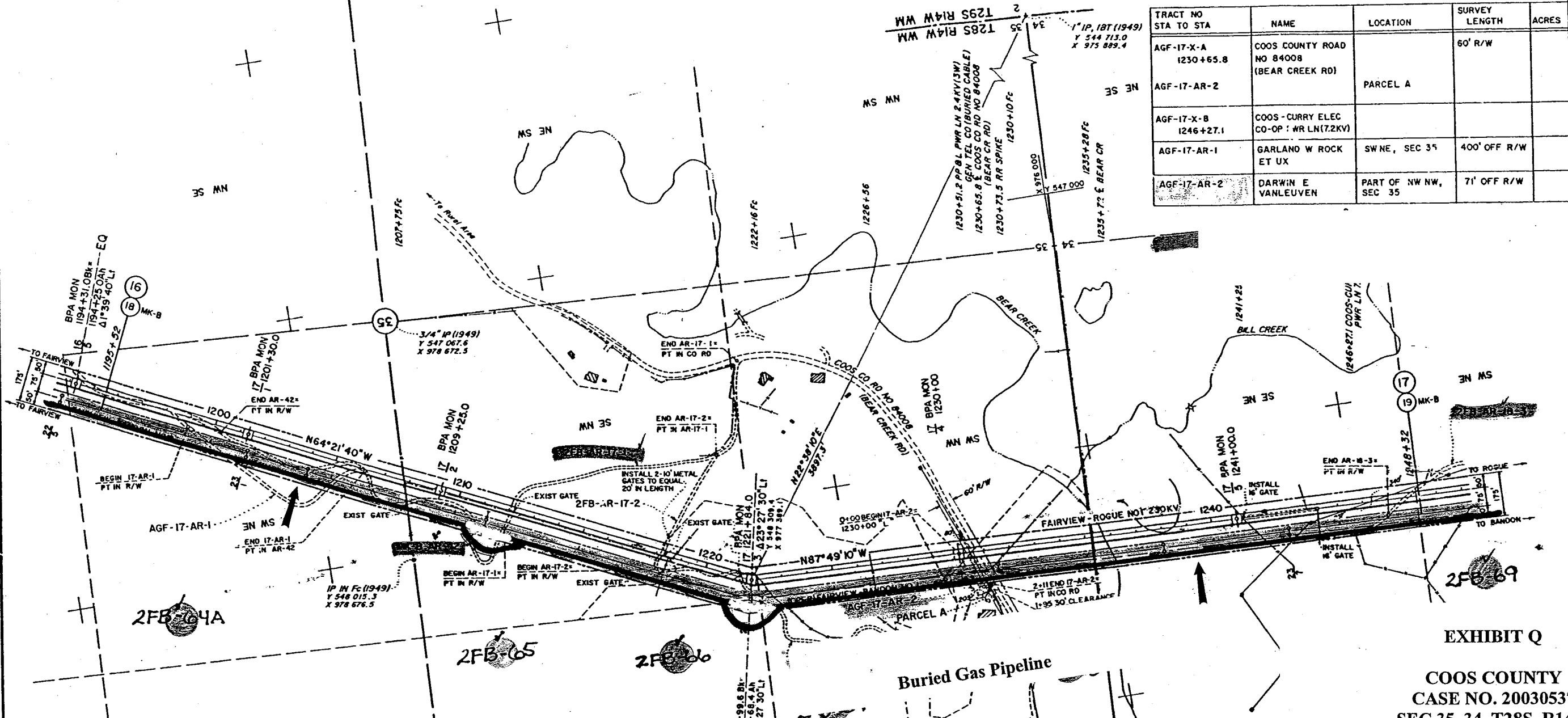


EXHIBIT Q

COOS COUNTY
CASE NO. 20030537
SEC 35, 34, T28S, R14W
W.M. COOS CO., OR

BPA DRAWING NO. 158455
FAIRVIEW - BANDON NO. 2 (REBUILD)

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ACCESS ROAD LEGEND

NO GRADING PERMITTED	
ACCESS ROAD R/W WIDTH IS 20' UNLESS OTHERWISE NOTED	
THE ROUTES OF ACCESS SHOWN ON THIS DRAWING MAY OR MAY NOT BE DEVELOPED. PAYMENT WILL BE MADE ONLY FOR CONSTRUCTION OR IMPROVEMENT OF THOSE ROADS, OR SECTIONS THEREOF, IDENTIFIED IN THE SPECIFICATIONS.	
AGF-17-AR-2	
1 0-00 BEGIN AR = 1230+00' L N 22°49'W	
2 1+03' N 27°59'W	
3 1+50' N 56°23'W	
4 1+66' N 70°33'W	
5 1+88' S 58°01'W	
6 2+11' END AR = PT IN CO RD	

SCALE
100 0 200 400
NOTE
BEARINGS AND COORDINATES REFERRED TO
OREGON COORDINATE SYSTEM
SOUTH ZONE
TO CONVERT DISTANCES SHOWN TO GRID
MULTIPLY BY 0.9998196

REFERENCE DRAWS	NO	REVISION	DATE	APPROVED
RIGHT OF WAY	SIGN			
WLY	E			
Design	53			
Specs	Design			
Drawn	GPS			
Checked	Drawn			
Owner	Owner			
Perf	Perf			
Appl	Appl			
UNITED STATES DEPARTMENT OF ENERGY BONNEVILLE POWER ADMINISTRATION HEADQUARTERS, PORTLAND, OREGON				
FAIRVIEW - BANDON NO 2 (REBUILD) 230 KV DOUBLE CIRCUIT TRANSMISSION LINE MILE 11 OF 20 MILES FROM FAIRVIEW WO 114-102				
Serial	158455	Source	TCM	Sec
			A1	Sheet
			1 of 2	Page
			0	Rev

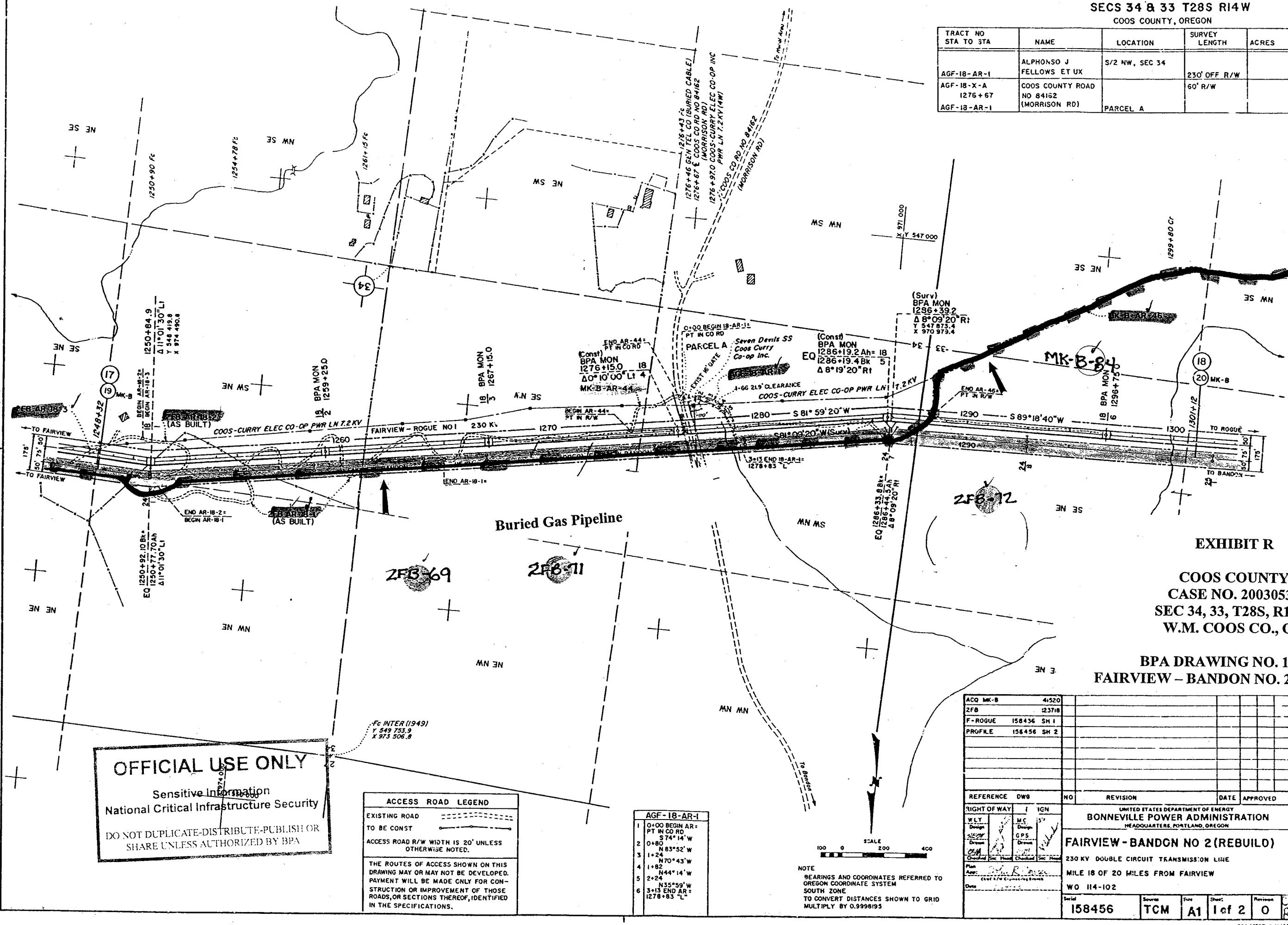
OPER AT 115 KV

FEB 19
FILE 114-102

BPA 12873 JUN 1978

SECS 34 & 33 T28S R14W
COOS COUNTY, OREGON

TRACT NO STA TO STA	NAME	LOCATION	SURVEY LENGTH	ACRES
AGF-18-AR-1	ALPHONSO J FELLOWS ET UX	S/2 NW, SEC 34	230' OFF R/W	
AGF-18-X-A 1276+67	COOS COUNTY ROAD NO 84162 (MORRISON RD)		60' R/W	
AGF-18-AR-1	PARCEL A			

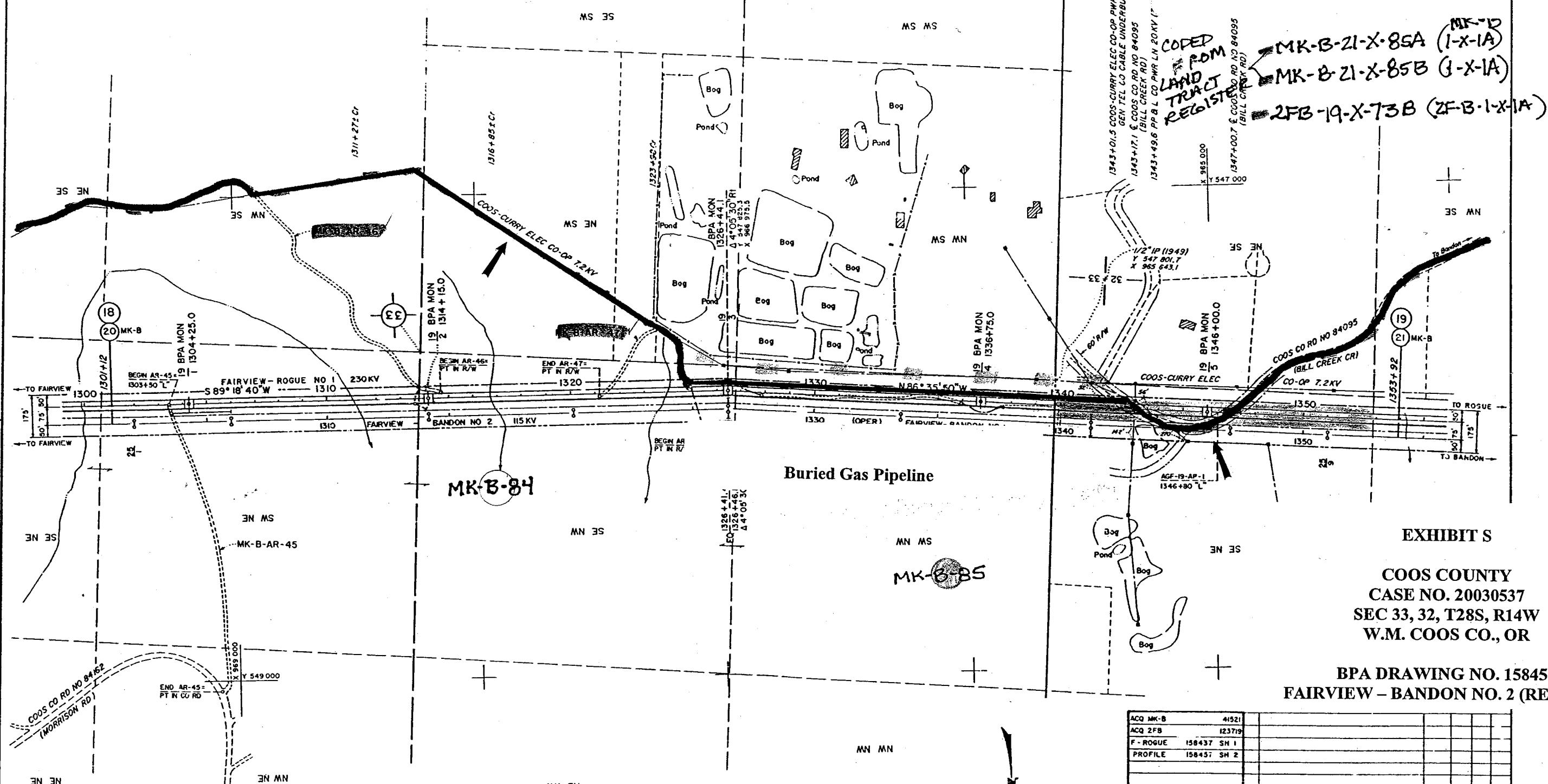


1343H7.I
1347400.7

NO 84095
(BILL CREEK RD)

AGF-19-AP-1
1346+80'L*

COOS COUNTY, OREGON



EXHIBITS

COOS COUNTY
CASE NO. 20030537
SEC 33, 32, T28S, R14W
W.M. COOS CO., OR

BPA DRAWING NO. 158457
FAIRVIEW - BANDON NO. 2 (REBUILD)

ACQ MK-B	41521	NO	REVISION	DATE	APPROVED
ACQ 2FB	123719				
F - ROGUE	158437 SH 1				
PROFILE	158437 SH 2				
REFERENCE DWG	L IGN	NO	REVISION	DATE	APPROVED
RIGHT OF WAY	L				
WLY					
Design					
Scal					
Drop					
GPS					
Dist					
Grid					
Other					
Comments					
UNITED STATES DEPARTMENT OF ENERGY					
BONNEVILLE POWER ADMINISTRATION					
HEADQUARTERS, PORTLAND, OREGON					
FAIRVIEW - BANDON NO. 2 (REBUILD)					
230 KV DOUBLE CIRCUIT TRANSMISSION LINE					
MILE 19 OF 20 MILES FROM FAIRVIEW					
WO 114-102					
Serial	158457	Source	TCM	A1	Sheet 1 of 2 Revision C

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ACCESS ROAD LEGEND

EXISTING ROAD

TO BE CONST

ACCESS ROAD R/W WIDTH IS 20' UNLESS
OTHERWISE NOTED

THE ROUTES OF ACCESS SHOWN ON THIS
DRAWING MAY OR MAY NOT BE DEVELOPED.
PAYMENT WILL BE MADE ONLY FOR CON-
STRUCTION OR IMPROVEMENT OF THOSE
ROADS, OR SECTIONS THEREOF, IDENTIFIED
IN THE SPECIFICATIONS.

SCALE
100 0 200 400
NOTE
BEARINGS AND COORDINATES REFERRED TO
OREGON COORDINATE SYSTEM
SOUTH ZONE
TO CONVERT DISTANCES SHOWN TO GRID
MULTIPLY BY 0.9998195

OPER AT 115 KV

BPA 1297G JUN 1978

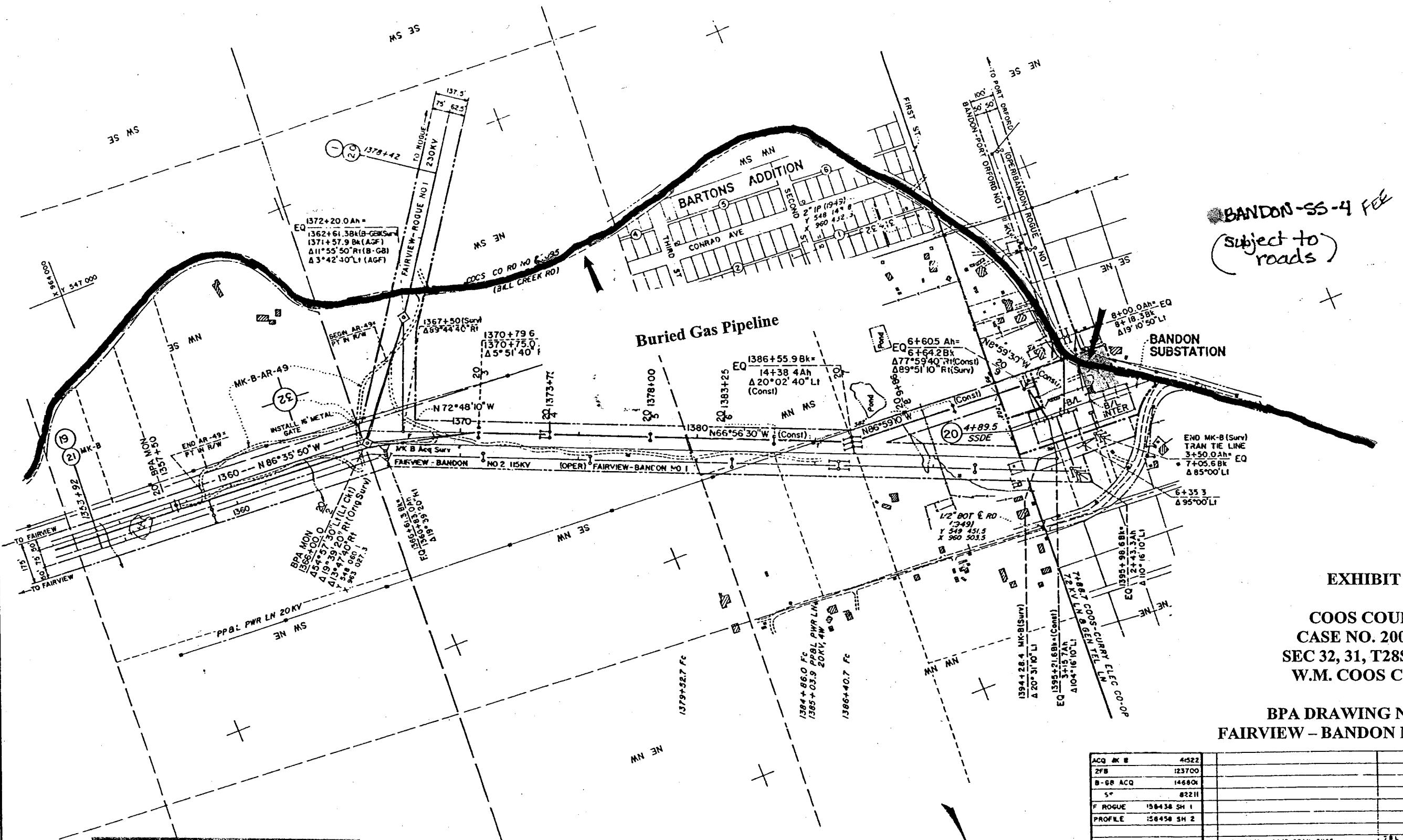


EXHIBIT T

COOS COUNTY
CASE NO. 20030537
SEC 32, 31, T28S, R14W
W.M. COOS CO., OR

BPA DRAWING NO. 158458
FAIRVIEW – BANDON NO 2 (REBUILD)

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SHARE UNLESS AUTHORIZED BY BPA

NOTE
BEARINGS AND COORDINATES REFERRED TO
OREGON COORDINATE SYSTEM
SOUTH ZONE
TO CONVERT DISTANCES SHOWN TO GRID
MULTIPLY BY 0.9998195

ACQ 4K B	4522	2BL	14-14-03	✓	ok
2FB	123700	3BL	1-21-13	✓	ok
B-68 ACQ	146801	4BL	1-21-13	✓	ok
S*	82211				
F ROGUE	158438 SH 1				
PROFILE	158458 SH 2				
2 STR 20/2 - 20/3 SPAH CH60		2BL	14-14-03	✓	ok
1 STRUCTURE 20/3 RELOCATED		3BL	1-21-13	✓	ok
REFERENCE DWG	H1	4BL	1-21-13	✓	ok
RIGHT OF WAY DESIGN					
W1					
Design					
FEAT					
Drawn					
Check					
Printed					
App.					
Engineering Office					
Date					
UNITED STATES DEPARTMENT OF ENERGY					
BONNEVILLE POWER ADMINISTRATION					
HEADQUARTERS, PORTLAND, OREGON					
FAIRVIEW - BANDON NO 2 (REBUILD)					
230 KV DOUBLE CIRCUIT TRANSMISSION LINE					
MILE 20 OF 20 MILES FROM FAIRVIEW (4214')					
W.O. 114-102					
158458	TCM	A1	1 of 2	2	
Source	Size	Sheet	Revision		

SECS 29, 32 & 31 T 28S R12W WM
COOS COUNTY, OREGON

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SHARE UNLESS AUTHORIZED BY BPA

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